

**JARE DATA REPORTS**

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| No. 60 (Mar. Biol. 1)   | Plankton samplings on board <i>Fuji</i> in 1972–1980  | Mar. 1981 |
| No. 66 (Mar. Biol. 2)   | Data report of the zooplankton samples 1  | Nov. 1981 |
| No. 67 (Mar. Biol. 3)   | The plantpigments, chlorinity and pH distribution in the sea ice of the Syowa Station area in 1970  | Dec. 1981 |
| No. 78 (Mar. Biol. 4)   | Whale sighting efficiency of the crew on board ocean research vessel in BIOMASS/FIBEX   | Mar. 1983 |
| No. 90 (Mar. Biol. 5)   | Plankton samplings on board the <i>Fuji</i> in 1980–1983  | Mar. 1984 |
| No. 98 (Mar. Biol. 6)   | Marine biological data of BIOMASS programme at Syowa Station in the 1982 winter (JARE-23)   | Feb. 1985 |
| No. 103 (Mar. Biol. 7)  | Report on the phytoplankton pigments measured during the JARE-25 cruise to Syowa Station, Antarctica, November 1983 to April 1984                                 | Mar. 1985 |
| No. 111 (Mar. Biol. 8)  | Chlorophyll <i>a</i> concentrations measured in the Southern Ocean during the 1984/85 cruise of the <i>Shirase</i> to and from Syowa Station, Antarctica          | Mar. 1986 |
| No. 114 (Mar. Biol. 9)  | Oceanographic and marine biological data from routine observations near Syowa Station between February 1983 and January 1984 (JARE-24)                            | Mar. 1986 |
| No. 121 (Mar. Biol. 10) | Oceanographic and marine biological data based on the routine observations near Syowa Station between February 1984 and January 1985 (JARE-25)                    | Mar. 1987 |
| No. 135 (Mar. Biol. 11) | Report on the phytoplankton pigment concentrations, zooplankton and benthos sampling during the JARE-27 cruise, November 1985–April 1986                          | Mar. 1988 |
| No. 136 (Mar. Biol. 12) | Continuous recording of chlorophyll <i>a</i> with a moored buoy system in Breid Bay, Antarctica, December 1985–February 1986                                      | Mar. 1988 |
| No. 142 (Mar. Biol. 13) | Chlorophyll <i>a</i> concentrations measured continuously with surface water monitoring system during the JARE-27 cruise to Syowa Station, Antarctica, in 1985/86 | Mar. 1989 |
| No. 143 (Mar. Biol. 14) | Chlorophyll <i>a</i> concentrations measured continuously with surface water monitoring system during the JARE-28 cruise to Syowa Station, Antarctica, in 1986/87 | Mar. 1989 |
| No. 147 (Mar. Biol. 15) | Zooplankton data collected with BIOMASS programme at Syowa Station in 1982 by JARE-23. I. Norpac net samples  | Mar. 1989 |
| No. 157 (Mar. Biol. 16) | Pigment data of sea ice cores collected from fast ice area near Syowa Station, Antarctica, from March 1983 to January 1984 (JARE-24)                              | Mar. 1990 |
| No. 158 (Mar. Biol. 17) | Zooplankton data collected with BIOMASS programme at Syowa Station in 1982 by JARE-23. II. "NIPR-I" samples: Stn. 1   | Mar. 1990 |
| No. 162 (Mar. Biol. 18) | Zooplankton data collected with BIOMASS programme at Syowa Station in 1982 by JARE-23. II. "NIPR-I" samples: Stn. 3   | Mar. 1991 |
| No. 177 (Mar. Biol. 19) | Zooplankton data collected with BIOMASS programme at Syowa Station in 1982 by JARE-23. II. "NIPR-I" samples: Stn. 5   | Mar. 1992 |
| No. 182 (Mar. Biol. 20) | Zooplankton data collected with BIOMASS programme at Syowa Station in 1983 by JARE-24   | Dec. 1992 |
| No. 183 (Mar. Biol. 21) | Zooplankton data collected with BIOMASS programme at Syowa Station in 1984 by JARE-25   | Dec. 1992 |
| No. 214 (Mar. Biol. 22) | Report on the phytoplankton pigments measured during the JARE-30 cruise to Syowa Station, Antarctica, November 1988 to March 1989                                 | Mar. 1996 |
| No. 215 (Mar. Biol. 23) | Report on the phytoplankton pigments measured during the JARE-31 cruise to Syowa Station, Antarctica, November 1989 to March 1990                                 | Mar. 1996 |
| No. 216 (Mar. Biol. 24) | Report on the phytoplankton pigments measured during the JARE-32 cruise to Syowa Station, Antarctica, November 1990 to March 1991                                 | Mar. 1996 |
| No. 217 (Mar. Biol. 25) | Report on the surface phytoplankton pigments measured during the JARE-33 cruise to Syowa Station, Antarctica, November 1991 to March 1992                         | Mar. 1996 |
| No. 218 (Mar. Biol. 26) | Report on the surface phytoplankton pigments measured during the JARE-34 cruise to Syowa Station, Antarctica, November 1992 to March 1993                         | Mar. 1996 |
| No. 219 (Mar. Biol. 27) | Report on the phytoplankton pigments measured during the JARE-35 cruise to Syowa Station, Antarctica, November 1993 to March 1994                                 | Mar. 1996 |
| No. 249 (Mar. Biol. 29) | Report on phytoplankton pigments measured during the JARE-36–39 cruises to Syowa Station, Antarctica in 1994–1998   | Mar. 2000 |
| No. 259 (Mar. Biol. 30) | Biological and oceanographical data under fast ice in Lützow-Holm Bay during winter 1999 observed by the 40th Japanese Antarctic Research Expedition (JARE-40)    | Nov. 2001 |
| No. 279 (Mar. Biol. 31) | Chlorophyll <i>a</i> concentration of phytoplankton during cruises of the 40–44th Japanese Antarctic Research Expeditions in 1998–2003                            | Sep. 2004 |
| No. 284 (Mar. Biol. 32) | Plankton sampling on board <i>Shirase</i> in 1997–2001 —NORPAC standard net samples—  | Nov. 2005 |
| No. 286 (Mar. Biol. 33) | Plankton sampling on board <i>Shirase</i> in 1999–2004 —Continuous Plankton Recorder survey—  | Feb. 2006 |

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| No. 290 (Mar. Biol. 34) | Chlorophyll <i>a</i> concentration of phytoplankton during a cruise of the 45th Japanese Antarctic Research Expedition in 2003–2004         | Feb. 2006 |
| No. 291 (Mar. Biol. 35) | Chlorophyll <i>a</i> concentration of phytoplankton during a cruise of the 46th Japanese Antarctic Research Expedition in 2004–2005         | Feb. 2006 |
| No. 300 (Mar. Biol. 36) | Chlorophyll <i>a</i> concentration of phytoplankton during the cruise of the 47th Japanese Antarctic Research Expedition in 2005–2006       | Oct. 2007 |
| No. 301 (Mar. Biol. 37) | Chlorophyll <i>a</i> concentration of phytoplankton during the cruise of the 48th Japanese Antarctic Research Expedition in 2006–2007       | Oct. 2007 |
| No. 306 (Mar. Biol. 38) | Plankton sampling on board <i>Shirase</i> in 2002–2008 —NORPAC standard net samples—  | Aug. 2008 |
| No. 311 (Mar. Biol. 39) | Plankton sampling in 2004–2009 —Continuous plankton recorder survey—  | Oct. 2009 |
| No. 316 (Mar. Biol. 40) | Chlorophyll <i>a</i> concentration of phytoplankton during cruises of the 49th and 50th Japanese Antarctic Research Expedition in 2007–2009 | Mar. 2010 |
| No. 318 (Mar. Biol. 41) | Biogeochemical data of the 51st Japanese Antarctic Research Expedition in the austral summer 2009–2010                                      | Sep. 2011 |
| No. 319 (Mar. Biol. 42) | Chlorophyll <i>a</i> concentration of phytoplankton during a cruise of the 51st Japanese Antarctic Research Expedition in 2009–2010         | Sep. 2011 |
| No. 321 (Mar. Biol. 43) | Biogeochemical data of the 52nd Japanese Antarctic Research Expedition in austral summer of 2010–2011                                       | July 2012 |

All data (PDF files) are available online at [http://ci.nii.ac.jp/vol\\_issue/nels/AA10457755\\_en.html](http://ci.nii.ac.jp/vol_issue/nels/AA10457755_en.html)